

MS/MS Parameters of Pesticides

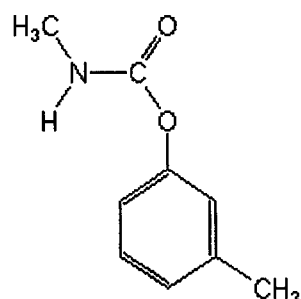
Analyte: Metolcarb

CAS No.: 1129-41-5

Formula: C₉H₁₁NO₂

Molecular mass (lowest isotopes): 165,08 amu

Structure:



Ionisation: ESI +

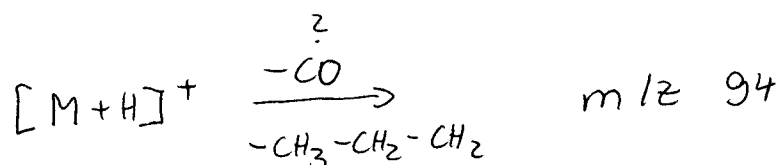
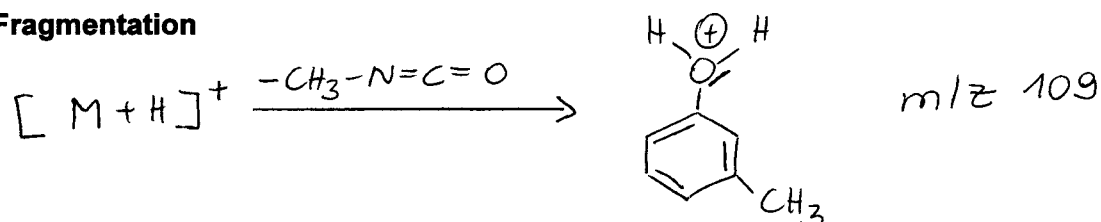
Quasimolecular ion: 166,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	166,1 → 109,0	166,1 → 94,1
Declustering potential (DP) ^{*)}	61V	61 V
Focusing potential (FP)	370 V	320 V
Entrance potential (EP)	10,5 V	9,5 V
Collision cell entrance potential (CEP)	12 V	12 V
Collision energy (CE)	17 V	43 V
Collision cell exit potential (CXP)	6 V	4 V

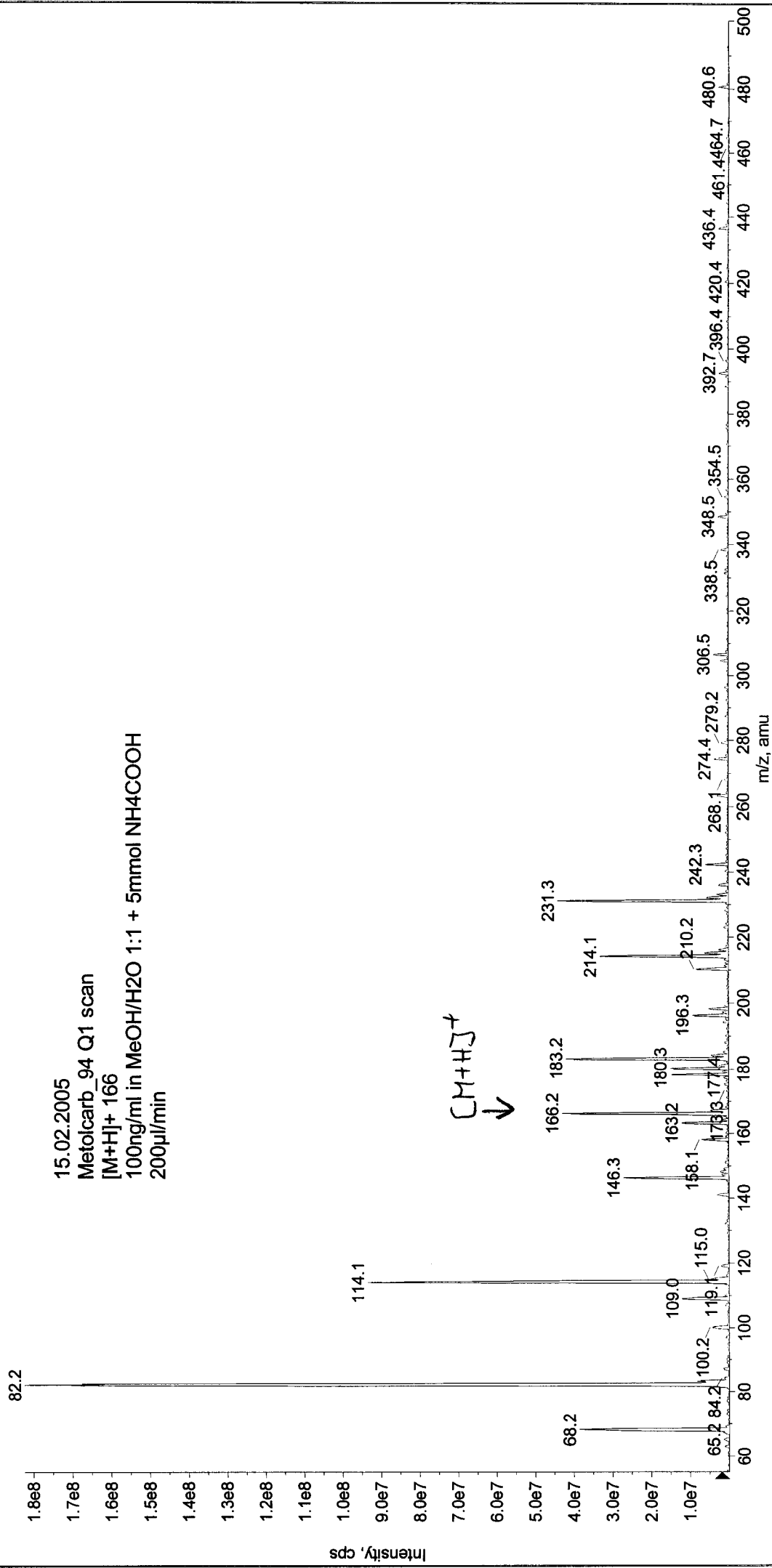
^{*)} For API 3000 and 4000 enhance DP by 20V

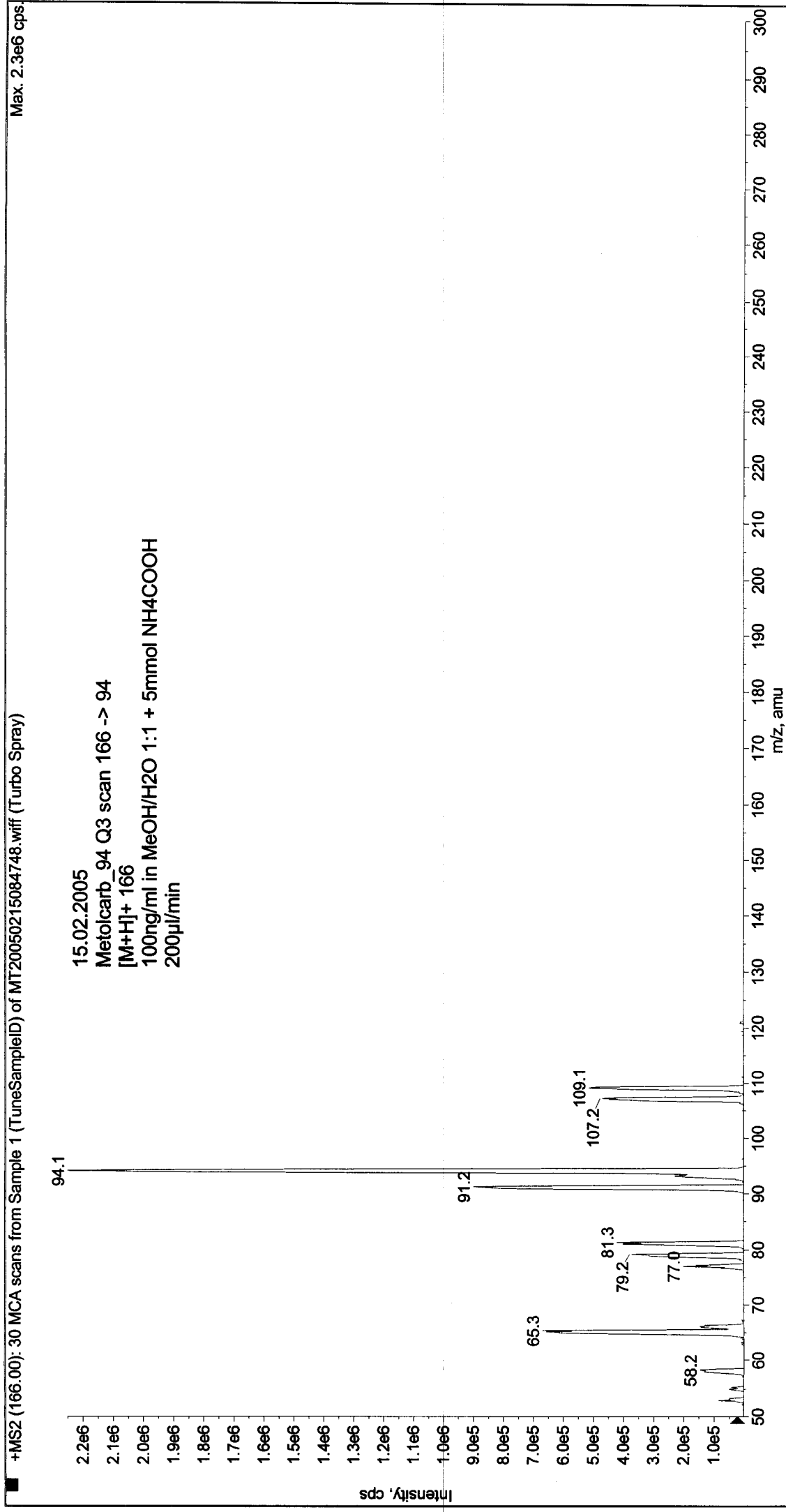
Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050215084513.wiff (Turbo Spray)

Max. 1.8e8 cps.





Printing Time: 8:40:31

Printing Date: Tuesday, February 15, 2005

Acq. Time: 08:39

Acq. Date: Tuesday, February 15, 2005

Acq. File: MT20050215083926.wiff

Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat

